

A G E N D A
UTAH BOARD OF WATER RESOURCES

Department of Natural Resources
1594 W. North Temple
Salt Lake City, Utah

January 26, 2007

1:00 p.m.

- I. CALL TO ORDER
- II. APPROVAL OF MINUTES - December 7, 2006
- III. CHAIR'S REPORT
- IV. FEASIBILITY REPORTS
 - E143 Huntsville South Bench Canal Co. County
 - E213 Rocky Ford Irr. Co. Box Elder
 - Beaver
- V. COMMITTAL OF FUNDS
 - E143 Huntsville South Bench Canal Co. Weber
 - E167 Loss Creek Irr. Co. Piute
 - E191 Providence-Logan Irr. Co. Cache
- VI. SPECIAL ITEMS
 - D760 Spring Glen Water Co. Salt Lake
 - (Partial Water Right Release)
- VII. FLAMING GORGE WATER RIGHTS
 - 41-3494 K Ranch Water Co. Uintah
- VIII. DISCUSSION OF LAKE POWELL PIPELINE PROJECT
- IX. DIRECTOR'S REPORT
- X. ADJOURNMENT

BRIEFING MEETING AGENDA
UTAH BOARD OF WATER RESOURCES

Division of Water Resources
1594 W. North Temple
Salt Lake City, Utah

January 26, 2007

10:00 a.m.

- | | | |
|------|---------------------------------------|------------------|
| I. | WELCOME/CHAIR'S REPORT | Chairman Hancock |
| II. | DISCUSSION OF PROJECTS | Board/Staff |
| III. | DISCUSSION OF PROGRAMS/INTEREST RATES | Staff |
| IV. | OTHER ITEMS | |

BOARD OF WATER RESOURCES**Revolving Construction Fund****Funding Status
January 26, 2007**

Funds Available for Projects This FY	\$ 9,977,000
--------------------------------------	--------------

Projects Contracted This FY

1 Lincoln Culinary Water Corp	E165			\$ 332,000
2 San Juan WCD (Recapture Dam)(Amend)	C026	Grant	**	200,000
3 Spanish Fork South Irr Co	E193			29,500
4 Dry Gulch Irr Co	E176			221,000
5 Deseret Irr Co (Amend, Phase 5)	E101			168,000
6 Kents Lake Irr Co (Three Creeks Dam)(Amend)	C033	Grant	**	3,319,000
7 Kents Lake Irr Co (Three Creeks Dam)(Amend)	C033	Loan	**	186,000
8 Enterprise Res & Cnl Co (Lower Ent Dam)	C012	Loan	**	20,000
9 Fountain Green Irr Co (Well)	E185			221,000
10 Fremont Irr Co	E194			282,500

Total Funds Contracted	\$ 4,979,000
Funds Balance	\$ 4,998,000

Projects with Funds Committed

1 Utland Ditch Co	E182			\$ 270,000
2 Mosby Irr Co (Amend)	D730			3,600,000
3 Sevier Valley Cnl Co	E197			195,500
4 Newcastle Water Co	E202			459,000
5 Circleville Irr Co	E166			115,000
6 DMAD Company (DMAD Dam)(Amend)	C031	Grant	**	874,000
7 Otter Creek Res Co	E184			190,000
8 Marble Creek Irr Co	E214			19,000
* 9 Providence-Logan Irr Co	E191			193,000
* 10 Loss Creek Irr Co	E167			172,000
Commitments for Dam Safety Studies			**	111,000

** Dam Safety Projects

Total Funds Committed	\$ 6,199,000
Funds Balance	\$ (1,201,000)

Projects Authorized

1 Deseret Irr Co	E056			\$ 144,000
2 Hi-Country Estates Homeowners Assn	E127			406,000
3 North Creek Irr Co	E181			288,000
* 4 Rocky Ford Irr Co	E213			87,300

Total Funds Authorized	\$ 925,000
Remaining Funds Available	\$ (2,126,000)

* To be presented at Board Meeting

BOARD OF WATER RESOURCES

Cities Water Loan Fund

**Funding Status
January 26, 2007**

Funds Available for Projects This FY	\$	5,132,000
--------------------------------------	----	-----------

Bonds Closed This FY

1 Town of Mantua	L553	\$	140,000
2 Corinne City	L555		<u>326,000</u>

Total Bonds Closed	\$	466,000
Funds Balance	\$	<u>4,666,000</u>

Projects with Funds Committed

1 Kamas City	L550	\$	1,879,000
2 Centerfield Town	L547		<u>255,000</u>

Total Funds Committed	\$	2,134,000
Funds Balance	\$	<u>2,532,000</u>

Projects Authorized

* 1 Deweyville, Town of	L557	\$	<u>1,346,400</u>
-------------------------	------	----	------------------

Total Funds Authorized	\$	1,346,000
Remaining Funds Available	\$	<u>1,186,000</u>

* To be presented at Board Meeting

BOARD OF WATER RESOURCES

Conservation & Development Fund

Funding Status January 26, 2007

Funds Available for Projects This FY	\$ 30,337,000
--------------------------------------	---------------

Projects Contracted/Bonds Closed This FY

1 Hooper Irr Co (Amend 5; Phase 2)	E060	\$ 145,000
2 Ashley Valley Res Co	E145	2,400,000
3 City of North Salt Lake (Bond Ins)	E206	30,000
4 Emigration Imp Dist	E196	2,860,000
5 Davis & Weber Counties Cnl Co (Amend, Ph 5)	E123	2,125,000
6 Cub River Irr Co	E173	1,280,000
7 St George & Washington Canal Co (Amend, Ph 3)	E129	1,950,000

Total Funds Contracted/Closed	\$ 10,790,000
Funds Balance	\$ 19,547,000

Projects with Funds Committed

1 Lake Creek Irr Co (Ph 1)	E102	\$ 22,500
2 Pleasant Grove City (Bond Ins)	E126	115,000
3 Ephraim Irr Co	E061	120,000
4 Wellsville Mendon Conservation Dist	E195	95,000
5 Huntington-Cleveland Irr Co	E211	6,000,000
* 6 Huntsville South Bench Canal Co	E143	1,287,000

Total Funds Committed	\$ 7,640,000
Funds Balance	\$ 11,907,000

Projects Authorized

1 Strawberry High Line Canal Co	D976	\$ 3,187,000
2 Uintah WCD (Island Ditch)	E036	342,000
3 Richland Nonprofit Water Co	E087	335,000
4 Lake Creek Irr Co (Ph 2)	E102	300,000
5 New Escalante Irr Co	E077	300,000
6 Provo River Water Users Association	E177	60,000,000
7 Magna Water Co an Improvement Dist	E190	7,100,000
8 Salem City	E199	6,325,000
9 Whiterocks Irr Co	E084	4,955,000
10 Central Utah W C D	E204	60,000,000
11 Weber-Box Elder Cons Dist	E209	1,615,000

Total Funds Authorized	\$ 144,459,000
Remaining Funds Available	\$ (132,552,000)

* To be presented at Board Meeting

BOARD OF WATER RESOURCES

January 26, 2007

ADDITIONAL ACTIVE PROJECTS			Fund	Est. Board Cost	Total Cost
Projects Under Investigation					
1	Woodruff Irrigating Co	D680	C&D	\$ 600,000	\$ 800,000
2	Kane County WCD	D828	C&D	1,500,000	2,000,000
3	Keith Johnson	D996	RCF	37,500	50,000
4	Gunnison Butte Mutual Irr Co	E004	C&D	10,500,000	14,000,000
5	Hyrum Blacksmith Fork Irr Co	E047	C&D	1,230,000	1,640,000
6	Mayfield Irr Co	E067	RCF	187,500	250,000
7	East Juab County WCD	E071	C&D	375,000	500,000
8	Ferron Canal & Res Co	E082	C&D	2,625,000	3,500,000
9	Rock Dam Irr Co	E083	RCF	37,500	50,000
10	Town of Goshen	E109	C&D	240,000	320,000
11	Weber-Box Elder Conservation Dist	E113	C&D	9,750,000	13,000,000
12	Parowan City	E121	CWL	158,250	211,000
13	Cottonwood Creek Consolidated Irr Co	E125	C&D	3,750,000	5,000,000
14	Alton Farmers Assoc	E128	C&D	1,650,000	2,200,000
15	Fremont Irr Co	E131	C&D	1,500,000	2,000,000
16	Downs Ditch Water Co	E139	RCF	281,250	375,000
17	Co-Op Farm Irr Co	E140	RCF	374,250	499,000
18	Anderson, Felt, Winters Ditch Co	E141	RCF	148,500	198,000
19	Felt, Peterson, Slater Ditch Co	E142	RCF	148,500	198,000
20	Emmertsen Irr Co	E144	RCF	86,250	115,000
21	Huntsville Irr Co	E146	RCF	627,000	836,000
22	Grantsville Irr Co	E150	C&D	321,000	428,000
23	Vernon Irr Co	E158	RCF	37,500	50,000
24	Kingston Irr Water Co	E169	RCF	85,000	240,000
25	Greenwich Water Works Co	E171	RCF	112,500	250,000
26	Bullion Creek Irr Co	E172	RCF	75,000	100,000
27	Fountain Green Irr Co (Birch Creek)	E174	RCF	30,000	40,000
28	East Panguitch Irr Co	E175	RCF	375,000	500,000
29	Twin Creek Irr Co	E180	RCF	300,000	400,000
30	Fountain Green Irr Co (Flow Augment)	E186	RCF	75,000	100,000
31	San Juan WCD	E198	C&D	3,000,000	4,000,000
32	Midvale City	L556	C&D	7,125,000	9,500,000
33	Wallsburg Irr Co	E203	RCF	90,000	120,000
34	Grave Yard Irr Co	E204	RCF	16,400	41,000
35	Leota Irr Co, Inc	E207	C&D	2,800,000	3,500,000
36	South Weber Irr Co	E208	C&D	880,000	1,100,000
37	Old Meadow Ranchos C&W Co	E210	RCF	52,000	65,000
38	Ouray Park Irr Co	E212	C&D	2,100,000	2,470,000
*	39 Corinne City	E216	C&D	80,000	100,000
*	40 Elk Ridge City	L558	CWL	1,900,000	2,600,000
*	41 West Field Irr Co	E217	RCF	68,000	85,000
Subtotal				\$ 55,328,900	\$ 73,431,000

* New Application

BOARD OF WATER RESOURCES

January 26, 2007

Additional Authorized or Committed Projects

1 Davis & Weber Counties Cnl Co (Ph 4)	D674	C&D	\$ 9,496,000	\$ 10,084,575
2 Weber Basin WCD (Secondary Irr, Ph 3-5)	E029	C&D	28,369,000	33,375,000
3 Davis & Weber Counties Cnl Co(Cnl Rehab)	E035	C&D	11,588,000	13,561,180
4 Hooper Irr Co (Press Irr, Ph 4)	E060	C&D	<u>11,033,000</u>	<u>12,980,000</u>
Subtotal			<u>\$ 60,486,000</u>	<u>\$ 70,000,755</u>
TOTAL ADDITIONAL PROJECTS			\$ 115,814,900	\$ 143,431,755

INACTIVE PROJECTS

Long Term Large Water Conservation Projects

1 Sanpete WCD (Narrows Dam)	D377
2 Wayne County WCD	D494
3 Cedar City Valley Water Users	D584
4 Bear River WCD	D738
5 Central Utah WCD (Prepay FY98,99,00)	D960

BOARD OF WATER RESOURCES

Feasibility Report

Cities Water Loan Fund

Appl. No.: **L-557**

Received: 9/15/06

Approved: 10/27/06

To be Presented at the January 26, 2007 Board Meeting

SPONSOR: ***DEWEYVILLE TOWN***

Mayor: Robert Thayne

LOCATION: The proposed project is located in Deweyville Town, about 15 miles north of Brigham City in Box Elder County.

EXISTING CONDITIONS: The sponsor serves culinary water for indoor and outdoor use to 124 residential connections and three dairies. Water is obtained from springs east of town and one well. About half of the residents use culinary water for outdoor watering; the rest use water from Bear River Canal Company or private water sources. While most residents own shares in the canal, some cannot get the water to their property because they are above the canal.

Currently, the sponsor has a 200,000 gallon concrete storage tank southeast of town and a 100,000 gallon concrete storage tank northeast of town, both over 30 years old. The sponsor's existing transmission lines (6 and 4-inch) are inadequately sized for fire flow and future growth. Little has been done the last 33 years to upgrade the system.

During the drought a few years ago, the sponsor drilled a second well (750 gpm) to help supplement spring flows, although it was never equipped. While the culinary system is rated "Approved" by the Division of Drinking Water, it will not accommodate future growth (a moratorium was issued in August 2006 on the issuance of future water connections until the new system is installed).

PROPOSED
PROJECT:

The sponsor is seeking financial assistance from the board to equip and connect to the well drilled by the city in 2003-2004, install about 4 1/2 miles of transmission and distribution line, and construct a 500,000 gallon concrete storage tank.

The project fits in Prioritization Category 2 (municipal water projects that are required to meet an existing or impending need).

Technical assistance is being provided by Hansen & Associates in Brigham City.

COST ESTIMATE:

The following cost estimate is based on the engineer's preliminary design and has been reviewed by staff:

<u>Item</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Amount</u>
1.	Drilling of Well in 2003-04	LS	\$ 56,000	\$ 56,000
2.	Equip Well	LS	147,000	147,000
3.	500,000 Gallon Concrete Storage Tank	LS	415,000	415,000
4.	PVC Pipe			
	a. 12-inch	1,500 LF	24.00	36,000
	b. 10-inch	20,800 LF	21.00	436,800
	c. 8-inch	870 LF	16.00	13,920
	d. 6-inch	1,420 LF	12.00	17,040
5.	Appurtenances	LS	34,040	34,040
6.	Cross Connections	2 EA	20,000	40,000
7.	Bore Steel Casing	120 LF	300	36,000
8.	Fire Hydrant	11 EA	2,000	22,000
9.	Misc. Connections	LS	10,000	10,000
10.	Reconnect Connections	46 EA	500	23,000
11.	Asphalt Repair	LS	5,000	5,000
12.	Connect to Valves	LS	1,200	1,200
Subtotal				\$1,293,000
Contingencies				129,300
Legal & Administrative				37,000
Design & Construction Engineering				124,700
TOTAL				\$1,584,000

COST SHARING
& REPAYMENT:

The recommended cost sharing and repayment are:

<u>Agency</u>	<u>Cost Sharing</u>	<u>% of Total</u>
Board of Water Resources	\$1,346,400	85%
Sponsor	<u>237,600</u>	<u>15</u>
Total	\$1,584,000	100%

If the board authorizes the project, it is suggested the bonded indebtedness be returned at 1% interest over 30 years with payments starting at approximately \$42,900 and increasing 2% each year to approximately \$74,000, with a final payment of about \$86,400 (includes reserves).

The sponsor requests the \$56,000 it spent to drill the well in 2003-2004 be counted towards its share of the project.

FINANCIAL
FEASIBILITY:

Based on the board's water service affordability guideline, Deweyville residents could pay up to \$35.03 per month for all water service. The cost of water with the proposed project, based on 132 projected residential connections when the first annual payment is due in 2008, is as follows:

	<u>Annual Cost</u>	<u>Cost/Conn/Mo</u>
Operation & Maintenance	\$13,119	\$ 8.28
Proposed BWRe Loan	<u>42,900</u>	<u>27.08</u>
TOTAL	\$56,019	\$35.36

The sponsor plans to double culinary water rates to help pay for the project.

BENEFITS:

The project will provide for adequate fire flows and additional water for future growth.

PROJECT
SPONSOR:

Deweyville Town was first settled in 1864 and incorporated on March 7, 1939. The town has a population of about 307 people; the Governor's Office of Planning and Budget predicts a growth rate of 2% for Box Elder County.

The sponsor's culinary water rate is \$15.00 per month for the first 25,000 gallons. Overage charges are \$0.25/1,000 gallons.

The sponsor received \$56,500 from the board in 1979 for improvements to its culinary water system; that assistance has been returned.

WATER RIGHTS
& SUPPLY:

The sponsor's culinary water rights are listed below:

<u>Description</u>	<u>Water Right No.</u>	<u>Flow (cfs)</u>
Existing Well	29-1244	0.2618
New Well	29-4140	1.0
Cold Water Spring	29-2144	0.555
Willow Spring	29-2643	0.0446

EASEMENTS:

The sponsor will be responsible for securing any necessary easements for construction of the storage tank. The pipeline will be placed in existing rights-of-way or easements.

ENVIRONMENTAL:

Very little disruption to the environment is expected.

WATER
CONSERVATION:

The sponsor will need to complete a Water Management and Conservation Plan as a condition of board funding. The town will also be required to adopt an ordinance prohibiting pressurized irrigation of landscapes with town water between the hours of 10:00 a.m. and 6:00 p.m. Staff recommends the sponsor implement a more progressive rate structure for overage charges.

SPONSOR'S
RESPONSIBILITIES:

The town will be required to make all arrangements to sell the board a non-voted revenue bond as well as verify it has adequate water rights and rights-of-way to construct the project. If the project is authorized, a list of requirements and procedures necessary to close the loan will be furnished to the town.

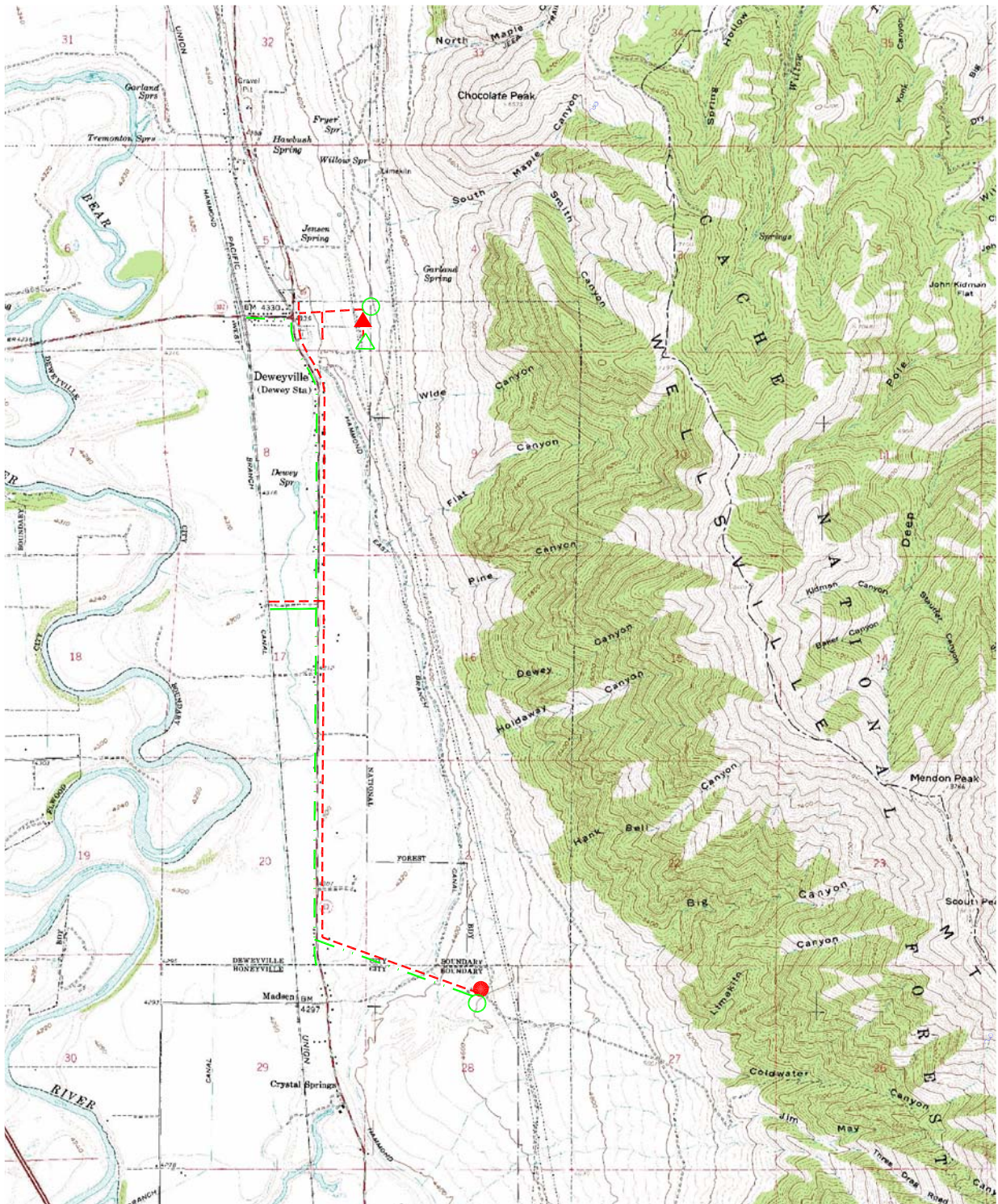
PROJECT
CONTACT
PEOPLE:

Mayor:

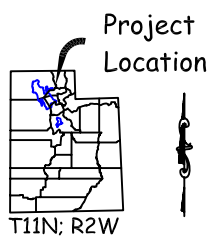
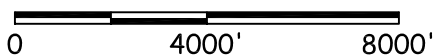
Robert Thayne
10870 N. Highway 38
Deweyville, UT 84309
Phone: (435) 257-9922

Engineer:

Chris Wight
Hansen and Associates
538 North Main Street
Brigham City, UT 84302
Phone: (435) 723-3491



Scale in Feet



DEWEYVILLE TOWN Culinary Water System Improvements Box Elder County

- | | |
|---|--|
| --- Existing Pipeline | --- Proposed Pipeline |
| ○ Existing Water Tanks | ● Proposed Water Tank |
| △ Existing Well | ▲ New Well |

BOARD OF WATER RESOURCES

Feasibility Report

Revolving Construction Fund

Appl. No.: **E-213**
Received: 11/3/06
Approved: 12/8/06

To be Presented at the January 26, 2007 Board Meeting

SPONSOR: **ROCKY FORD IRRIGATION COMPANY**

President: Mark Truman

LOCATION: The proposed project is located at the Rocky Ford Dam on Beaver Creek, approximately five miles east of Minersville in Beaver County.

EXISTING CONDITIONS & PROBLEMS: The sponsor supplies approximately 12,000 acre-feet of supplemental water to 55 stockholders irrigating 4,000 acres, contracts to supply 7,500 acre-feet to Minersville Irrigation Company, and maintains 2,010 acre-feet in Minersville Reservoir for wildlife and recreation.

Damage, including exposure of reinforcing steel in the downstream portion of the 101-foot long main spillway, is being caused by cavitation (due to a lack of air vents), freeze/thaw conditions, and recent spilling events. Core samples taken along the spillway bed indicate the downstream bed has compressive strength of less than 3,000 psi, well below the 4,000 psi design requirement. Also, underdrains placed at the top of the discharge area side walls caused concrete deterioration along the walls.

PROPOSED PROJECT: It is proposed the present spillway be repaired by replacing the downstream 42 feet of the spillway and the discharge side walls, raising the side walls along the last 14 feet of the spillway to a height of four feet to provide increased capacity, replacing the underdrains so they discharge into the plunge pool, and adding air vents.

The project fits in Prioritization Category 1
(project which involves public health problems,
safety problems or emergencies).

COST ESTIMATE: The following cost estimate is based on the
engineer's preliminary design and has been reviewed
by staff:

<u>Item</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u> <u>Price</u>	<u>Amount</u>
1.	Mobilization	LS	\$5,000	\$ 5,000
2.	Demolition	1,500 SF	12.00	18,000
3.	Replace Spillway	56 CY	500	28,000
4.	Refurbish Downstream Wall	LS	2,000	2,000
5.	Dewatering	LS	1,000	1,000
6.	Earthwork	100 CY	20.00	2,000
7.	Foundation Preparation	500 SF	10.00	5,000
8.	Drain Lines	200 LF	10.00	2,000
9.	Site Cleanup	LS	1,000	<u>1,000</u>
Construction Cost				\$64,000
Contingencies				6,400
Legal and Administrative				4,000
Engineering Study and Coordination				11,600
Design and Construction Engineering				<u>11,000</u>
TOTAL				\$97,000

COST SHARING
& REPAYMENT: The recommended cost sharing and repayment are:

<u>Agency</u>	<u>Cost Sharing</u>	<u>% of Total</u>
Board of Water Resources	\$87,300	90%
Sponsor	<u>9,700</u>	<u>10</u>
TOTAL	\$97,000	100%

If the board authorizes the project, it is suggested
the project be purchased with annual payments of
\$13,000 at 0% interest over approximately 7 years.

The sponsor requests that repayments be added to its
current loan (\$13,000 annually until 2010), with
repayments beginning in 2011 and ending in 2017.

BENEFITS: The project will increase the integrity and capacity of the spillway, and thus the safety of the structure. Repairs and maintenance will decrease with the underdrain improvements and the addition of air vents.

PROJECT SPONSOR: Rocky Ford Irrigation Company was incorporated in 1923, but its status is currently "expired" with the state Department of Commerce. Its 4,000 shares of stock are presently assessed at \$12/share.

The company has received financial assistance from the board on several previous occasions. In 1953 the board provided \$100,000 for repairs to the dam; in 1973 and 1975 the company received \$32,300 and \$69,000, respectively, to line earthen canals with concrete. In 1976 the board funded \$146,000 for spillway repairs. These loans have all been repaid.

In 1999 the board provided a grant and loan for dam safety upgrade work; the company is currently making payments of \$13,000 annually until 2010 on the loan.

WATER RIGHTS & SUPPLY: The sponsor has a decreed right to 25,477.5 acre-feet of storage (reduced 2,010 acre-feet by agreements with the Divisions of Wildlife Resources and Parks & Recreation) and direct flow rights to 270 cfs from the Beaver River. The board presently has title to all of the water rights, specifically: Water Right Nos. 71-2426, 71-2428, 71-2429, 71-2430, 71-2431, 71-2432, 71-2433, 71-2434, 71-2435, 71-2436, 71-2437, A1215, 71-1948, A1430, 71-1603, A2312, 71-2424, 71-2441, 71-2438, a3720, a5254.

EASEMENTS: The project will be constructed on the sponsor's property, so no easements will be required.

ENVIRONMENTAL: Environmental impacts will be minimal since the work will be done on existing structures.

WATER CONSERVATION: The sponsor will need to complete a Water Management and Conservation Plan.

SPONSOR'S RESPONSIBILITIES: If the board authorizes the proposed project, the sponsor must do the following before construction can begin:

1. Become in "good standing" with the state Department of Commerce.
2. Obtain all easements, rights-of-way, and permits required to construct, operate, and maintain the project.
3. Pass a resolution by the appropriate (as defined in the company's Articles of Incorporation and Bylaws) majority of company stock authorizing its officers to do the following:
 - a. Assign properties and easements required for the project to the Board of Water Resources.
 - b. Enter into a contract with the Board of Water Resources for construction of the project and subsequent purchase from the board.
4. Have an attorney give the Board of Water Resources a written legal opinion that:
 - a. The company is legally incorporated for at least the term of the purchase contract and is in good standing with the state Department of Commerce.
 - b. The company has legally passed the above resolution in accordance with the requirements of state law and the company's Articles of Incorporation and Bylaws.
 - c. The company has obtained all permits required for the project.
5. Have an attorney give the Board of Water Resources a written legal opinion that:
 - a. The company owns all easements and rights-of-way for the project, as well as the land on which the project is located, and that title to these easements, rights-of-way, and the project itself can be legally transferred to the board.
 - b. The company's water rights applicable to the project are unencumbered and legally

transferable to the Board of Water Resources,
and that they cover the land to be irrigated by
the project.

In lieu of an attorney's opinion, the company may
obtain a title insurance policy in the name of the
Board of Water Resources for the easements, rights-
of-way, land, and water rights necessary for the
project.

6. Obtain approval of final plans and specifications
from the Division of Water Resources and Division of
Water Rights.

7. Prepare a water management and conservation plan
for its service area, and obtain approval of it from
the Division of Water Resources.

PROJECT	President:	Mark Truman
CONTACT		P.O. Box 49
PEOPLE:		Minersville, UT 84752
		Phone: (435) 386-2263
	Secretary:	Marshall Hollingshead
		P.O. Box 83
		Minersville, UT 84752
		Phone: (435) 386-2469
	Engineer:	Chad Brown
		Franson Noble Engineering
		1276 South 820 East, Ste. 100
		American Fork, UT 84003
		Phone: (801) 756-0309

BOARD OF WATER RESOURCES

Committal of Funds

Conservation and Development Fund

Appl. No.: **E-143**
Received: 4/28/04
Approved: 7/9/04
Authorized: 3/8/06

To be Presented at the January 26, 2007 Board Meeting

SPONSOR: **HUNTSVILLE SOUTH BENCH CANAL COMPANY**

President: Gregory Graves
P.O. Box 77
Huntsville, UT 84317
Phone: (801) 532-2520

LOCATION: The proposed project is located south of Pineview Reservoir, near Huntsville, in Weber County.

PROJECT SUMMARY: The board authorized a project to replace the nearly three and a half mile long Huntsville South Bench Canal with HDPE pipeline. The project also includes approximately 17 turnouts.

COST ESTIMATE & SHARING: The cost estimate and sharing remain as authorized and are as follows:

<u>Agency</u>	<u>Cost Sharing</u>	<u>% of Total</u>
Board of Water Resources	\$1,287,000	90%
Sponsor	<u>143,000</u>	<u>10</u>
TOTAL	\$1,430,000	100%

PURCHASE AGREEMENT: If the board commits funds to the project, it is proposed the loan terms remain as authorized: 1% interest over 30 years with annual payments of approximately \$49,900.

BOARD OF WATER RESOURCES

Committal of Funds

Revolving Construction Fund

Appl. No.: **E-167**
Received: 2/23/05
Approved: 3/10/05
Authorized: 9/15/06

To be Presented at the January 26, 2007 Board Meeting

SPONSOR: **LOSS CREEK IRRIGATION COMPANY**

President: Michael Dalton
121 West 400 South
Circleville, UT 84723
Phone: (435) 577-2863

LOCATION: The proposed project is located south of Circleville in Piute County.

PROJECT SUMMARY: The board authorized a project to replace a radial gate on the company's Sevier River diversion and install approximately two miles of 42 to 30-inch low head pipe and 12 turnouts.

COST ESTIMATE & SHARING: The cost estimate and sharing remain as authorized and are as follows:

<u>Agency</u>	<u>Cost Sharing</u>	<u>% of Total</u>
Board of Water Resources	\$172,000	24.6%
Upper Sevier River WCD	388,000	55.4
Sponsor	<u>140,000</u>	<u>20.0</u>
TOTAL	\$700,000	100.0%

PURCHASE AGREEMENT: If the board commits funds to the project, it is proposed the loan terms remain as authorized: 0% interest over approximately 20 years with annual payments of \$8,800.

BOARD OF WATER RESOURCES

Committal of Funds

Revolving Construction Fund

Appl. No.: **E-191**
Received: 12/20/05
Approved: 2/3/06
Authorized: 4/28/06

To be Presented at the January 26, 2007 Board Meeting

SPONSOR: **PROVIDENCE-LOGAN IRRIGATION COMPANY**

President: Chris Himmel
516 East 700 South
River Heights, UT 84321
Phone: (435) 753-3249

LOCATION: The proposed project is located on the south side of Logan City in Cache County.

PROJECT SUMMARY: The sponsor requested financial assistance from the board to replace about 4,500 feet of canal with an inverted siphon to carry irrigation water from the Logan River to its service area in and around River Heights. The sponsor has been unable to obtain easements for a large portion of the siphon and has decided to complete only the most critical segment at this time (about 870 feet of 24 and 30-inch HDPE pipe). Project costs did not reduce proportionately, as construction costs have risen significantly since the project was authorized.

COST ESTIMATE & SHARING: The authorized and proposed cost sharing are:

<u>Agency</u>	<u>Authorized Cost Sharing</u>	<u>% of Total</u>	<u>Proposed Cost Sharing</u>	<u>% of Total</u>
BWRe	\$340,000	85%	\$193,000	85%
Sponsor	60,000	15	34,000	15
TOTAL	\$400,000	100%	\$227,000	100%

PURCHASE
AGREEMENT:

The authorized purchase agreement requires the \$340,000 be returned in 25 years at 0% interest with annual payments of approximately \$13,600. If the board commits funds to the project, it is proposed the \$193,000 be returned in 25 years at 0% interest with annual payments of approximately \$7,700.

BOARD OF WATER RESOURCES

Special Item

Request for Partial Release of Water Rights

Appl. No.: **D-760**

Contract Date: 8/31/91

To be Presented at the January 26, 2007 Board Meeting

SPONSOR: ***SPRING GLEN WATER COMPANY***

President: Steven Taylor
3150 Skycrest Lane
Salt Lake City, UT 84108
Phone: (801) 582-5531

LOCATION: Spring Glen Water Company is located in Emigration Canyon, about three miles east of Salt Lake City in Salt Lake County.

SUMMARY: In 1992 the board provided \$108,000 (75%) to Spring Glen to help construct a 60,000 gallon storage tank, chlorination facility, and PVC pipeline with valves, service connections, and fire hydrants. The current balance of about \$48,200 (44.7%) is being returned to the board with annual payments of \$4,400 at 0% interest through 2017. Spring Glen tendered water rights totaling 12 acre-feet to the board as required by its funding contract with the board.

Last September, the board committed funds to Emigration Improvement District to expand its culinary water system to serve additional residences along Emigration Canyon Road, including approximately half of the 16 Spring Glen residences. The district requires interested residents to transfer 0.45 acre-feet of their water rights to join the system.

SPONSOR'S REQUEST: Spring Glen requests the board release 6.3 acre-feet of the rights being held so that it may participate in the Emigration Improvement District's expansion project.

STAFF COMMENTS: Since the proposed release would leave the board with 5.7 acre-feet (47.5%) of Spring Glen's rights and Spring Glen has 44.7% remaining on the loan, staff recommends the board approve Spring Glen's request. Details of the transfer will be worked out by staff and legal counsel of both parties.

BOARD OF WATER RESOURCES

Special Item

Flaming Gorge Water Right Application

Water Right No.: **49-1654**

Received: 2/20/97

First Presented: 3/13/97

To be Presented at the January 26, 2007 Board Meeting

SPONSOR: ***K RANCH WATER COMPANY***

Ranch Manager: Mike Snyder
981 US Highway 40
Dinosaur, CO 81610
Phone: (970) 374-2055

LOCATION: The requested water will be used on K Ranch, located approximately 15 miles east of Jensen, on the Colorado-Utah border in Uintah County.

DESCRIPTION: K Ranch LLC is a privately owned, for-profit corporation covering 58,000 acres (16,000 acres owned, 42,000 acres leased from BLM), the majority of which is in Colorado. As part of obtaining a Flaming Gorge water right from the board, K Ranch Water Company, a non-profit corporation, was established and is in "Good Standing" with the Department of Commerce.

CURRENT CONDITIONS: The ranch runs approximately 600 head of cattle and a few horses, with plans to increase the herd. Feed comes from 60 acres of sprinkle irrigated hay, limited grazing, and supplemental feed purchased at a cost of over \$100,000 annually.

Preliminary engineering and hydrologic studies indicate a 2,400-foot deep well would need to be drilled into the Navajo Sandstone to irrigate 600 additional acres located in Utah.

The ranch has been waiting for an 1,800-foot deep gas test well to be drilled, but with increasing prices the test well has been postponed.

The ranch is ready to proceed with construction of its own well, associated piping, land clearing, and the purchase of sprinkler equipment at an estimated cost of \$700,000 and feels this could be accomplished this year.

SUMMARY:

The Board of Water Resources awarded K Ranch 2,400 acre-feet of its Flaming Gorge water right, to be used to irrigate 600 acres. On June 22, 2001, a Change Application was approved by the State Engineer moving the place of use to the Utah portion of the ranch and the point of diversion to two locations proposed for a well.

After phone conversations with staff, the sponsor, through its attorney, provided a letter dated December 20, 2006, requesting a three-month extension to its board-mandated proof deadline "in order to fully document its good faith efforts toward beneficial use and its need for an extension of time".

BOARD OF WATER RESOURCES

Application Summary

Appl. No. ***E-216***

Received: 12/8/06

SPONSOR: ***CORINNE CITY***

Mayor: Richard Nimori
2595 North 4100 West
Corinne, Utah 84307
Phone: (435) 744-2213

LOCATION: The proposed project is located in Corinne City,
about eight miles northwest of Brigham City in Box
Elder County.

PROPOSED PROJECT: The sponsor is requesting assistance to install a
small pressurized irrigation system within the city.

WATER RIGHTS: Bear River Canal Company stock.

COST ESTIMATE: \$100,000

BOARD OF WATER RESOURCES

Application Summary

Appl. No. ***E-217***

Received: 1/5/07

SPONSOR: ***WEST FIELD IRRIGATION COMPANY***

President: Brent Money
1176 West Palmyra Drive
Spanish Fork, UT 84660
Phone: (801) 592-5582

LOCATION: The proposed project is located in Spanish Fork City
in Utah County.

PROPOSED PROJECT: The sponsor is requesting assistance to pipe a
portion of its canal.

WATER RIGHTS: 51-1042, 5679, 5680, 5681, 5682, 5683

COST ESTIMATE: \$85,000

BOARD OF WATER RESOURCES

Application Summary

Appl. No. **L-558**

Received: 12/22/06

SPONSOR: **ELK RIDGE CITY**

Mayor:

Dennis Dunn
80 East Park Drive
Elk Ridge, UT 84651
Phone: (801) 423-2300

LOCATION: The proposed project is located in Elk Ridge City,
about five miles southeast of Payson in Utah County.

PROPOSED PROJECT: The sponsor is requesting assistance to upgrade its
culinary water system with a tank, refurbished well,
and booster pump station.

WATER RIGHTS: Numerous underground water rights.

COST ESTIMATE: \$2,600,000